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CLAIMS

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1. Assembly comprising a solid and its wrapping, the said wrapping comprising at least one film comprising at least one twist wrap and/or one fold, the said film comprising at least one layer comprising at least one polyester which can be obtained from the condensation of terephthalic acid with ethylene glycol and a diol comprising at least three carbon atoms, the said film being essentially monolayer or multilayer and in this case comprising at least one layer comprising at least one polyolefin.

2. Assembly according to Claim 1, characterized in that the wrapping fits directly around most of the surface of the wrapped solid.

15 3. Assembly according to one of the preceding claims, characterized in that the solid is a foodstuff and more particularly a sweet.

4. Assembly according to one of the preceding claims, characterized in that the wrapping is not held by any adhesive or bonding agent, nor by any hot or cold sealing, nor by any reinforcement as an overthickness to the said film.

5. Assembly according to one of the preceding claims, characterized in that the polyester is amorphous.

6. Assembly according to one of the preceding claims, characterized in that the film comprises a plane of symmetry which is parallel to it,

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the said symmetry applying both to the geometry and to the composition of the said film.

7. Assembly according to one of the preceding claims, characterized in that the sum of the mass of the layers comprising the polyester represents at least 20% by weight of the mass of the film.

8. Assembly according to one of the preceding claims, characterized in that the film comprises at least three layers, two of which comprise at least the polyester and one of which comprising at least one polyolefin is found in the middle.

9. Assembly according to the preceding claim, characterized in that the sum of the mass of the three layers constitutes at least 80% of the total mass of the film and in that each of the said three layers constitutes at least 10% by weight of the total mass of the film.

10. Assembly according to either of Claims 8 and 9, characterized in that the middle layer comprises at least 60% of an ethylene polymer.

11. Assembly according to one of Claims 8 to 10, characterized in that the middle layer represents 40 to 80% by weight of the mass of the film.

12. Assembly according to one of the preceding claims, characterized in that the diol is cyclohexanedimethanol.

13. Assembly according to the preceding claim, characterized in that the diacid component of

the polyester comprises 70 to 100 mol% of terephthalic acid and 0 to 30 mol% of another acid chosen from isophthalic acid, naphthalenedicarboxylic acid and 1,4-cyclohexanedicarboxylic acid or mixtures thereof, and in that the diol component of the polyester comprises 2 to 99 mol% of 1,4-cyclohexanedimethanol and from 1 to 98 mol% of ethylene glycol.

14. Assembly according to the preceding claim, characterized in that the diacid component of the polyester comprises 80 to 100 mol% of terephthalic acid and 0 to 20 mol% of isophthalic acid, and in that the diol component of the polyester comprises 25 to 40 mol% of 1,4-cyclohexanedimethanol and from 75 to 60 mol% of ethylene glycol.

15. Assembly according to one of the preceding claims, characterized in that the film comprises at least one antiblocking agent and/or at least one antistatic agent and/or at least one release agent.

16. Assembly according to one of the preceding claims, characterized in that the film has undergone printing and/or metallization.

17. Assembly according to one of the preceding claims, characterized in that the film has a thickness of from 10 to 60  $\mu\text{m}$ .

18. Film comprising at least one layer comprising at least one polyester which can be obtained from the condensation of terephthalic acid with

ethylene glycol and a diol comprising at least three carbon atoms, the said film being multilayer, comprising at least one layer of polyolefin, and comprising a plane of symmetry which is parallel to it, 5 the said symmetry applying both to the geometry and to the composition of the said film.

19. Film according to the preceding claim, characterized in that the polyester is amorphous.

20. Film according to either of Claims 18 and 19, characterized in that the sum of the mass of the layers comprising the polyester represents at least 20% by weight of the mass of the film.

21. Film according to one of Claims 18 to 20, characterized in that it comprises at least three 15 layers, two of which comprise at least the polyester and one of which comprising at least one polyolefin is found in the middle.

22. Film according to the preceding claim, characterized in that the sum of the mass of the three 20 layers constitutes at least 80% of the total mass of the film and in that each of the said three layers constitutes at least 10% by weight of the total mass of the film.

23. Film according to either of Claims 21 and 22, characterized in that the middle layer 25 comprises at least 60% of an ethylene polymer.

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24. Film according to one of Claims 21 to 23, characterized in that the middle layer represents 40 to 80% by weight of the mass of the film.

25. Film according to one of Claims 18 to 24, characterized in that the diol is cyclohexanedimethanol.

26. Film according to the preceding claim, characterized in that the diacid component of the polyester comprises 70 to 100 mol% of terephthalic acid and 0 to 30 mol% of another acid chosen from isophthalic acid, naphthalenedicarboxylic acid and 1,4-cyclohexanedicarboxylic acid or mixtures thereof, and in that the diol component of the polyester comprises 2 to 99 mol% of 1,4-cyclohexanedimethanol and from 1 to 98 mol% of ethylene glycol.

27. Film according to the preceding claim, characterized in that the diacid component of the polyester comprises 80 to 100 mol% of terephthalic acid and 0 to 20 mol% of isophthalic acid, and in that the diol component of the polyester comprises 25 to 40 mol% of 1,4-cyclohexanedimethanol and from 75 to 60 mol% of ethylene glycol.

28. Film according to one of Claims 18 to 27, characterized in that it comprises at least one antiblocking agent and/or at least one antistatic agent and/or at least one release agent.

29. Film according to one of Claims 18 to 28, characterized in that the film has undergone printing and/or metallization.

30. Film according to one of Claims 18 to 29, characterized in that it has a thickness of from 10 to 60  $\mu\text{m}$ .

31. Process for manufacturing a film according to one of Claims 18 to 30, characterized in that it comprises a step of extrusion or blow-moulding coextrusion of the various thermoplastic compositions from which the various layers of the said film are derived.

32. Process according to the preceding claim, characterized in that the operating parameters of the blow-moulding extrusion or coextrusion step are as follows:

- drawing rate: 2 to 50,
- blowing rate: 1 to 10,
- air-gap: 0.5 to 5 mm
- drawing speed: 10 to 150 m/min

33. Process according to the preceding claim, characterized in that the operating parameters of the blow-moulding extrusion or coextrusion step are as follows:

- drawing rate: 10 to 30,
- blowing rate: 1.5 to 3,
- air-gap: 0.8 to 1.6 mm
- drawing speed: 30 to 60 m/min

34. Process according to one of Claims 31 to 33, characterized in that the blow-moulding extrusion or coextrusion step is followed by at least one step of drawing or of double-drawing.

5 35. Process according to one of Claims 31 to 34, characterized in that the film undergoes at least one step of antistatic treatment and/or of metallization and/or of printing.

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